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O O PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
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## UTILITY **PATENT APPLICATION**

Attorney Docket No.		2001.682 US/PD
First I	Inventor	MURPHY, Greer M.
Title	METHOD FOR IN MAJOR DEPRES	PROVING THE TREATMENT OF
_		EL 400650244 LIC

TRANSMITTAL	Title MAJOR DEPRES			
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. EL400659244 US			
APPLICATION ELEMENTS O See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231			
Fee Transmittal Form (e.g., PTO/SB/17)	7. CD-ROM or CD-R in duplicate, large table or			
2. Applicant claims small entity status. See 37 CFR 1.27.	Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)			
3. Specification [ / otal Pages [ 31 ] ] - Descriptive title of the invention	a. Computer Readable Form (CRF)			
- Cross Reference to Related Applications	b. Specification Sequence Listing on:			
<ul> <li>Statement Regarding Fed sponsored R &amp; D</li> <li>Reference to sequence listing, a table,</li> </ul>	i. CD-ROM or CD-R (2 copies); or			
or a computer program listing appendix - Background of the Invention	i i paper  c Statements verifying identity of above copies			
<ul> <li>Brief Summary of the Invention</li> <li>Brief Description of the Drawings (if filed)</li> </ul>	ACCOMPANYING APPLICATION PARTS			
- Detailed Description - Claim(s)	Assignment Papers (cover sheet & document(s))			
- Abstract of the Disclosure	10. 37 CFR 3.73(b) Statement Power of (when there is an assignee)			
4. Drawing(s) (35 U.S.C. 113) [ Total Sheets ]	11. English Translation Document (if applicable)			
5. Oath or Declaration [ Total Pages ]	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations			
a. Newly executed (original or copy)	13. Preliminary Amendment			
b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)			
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)			
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.			
6 Application Data Sheet. See 37 CFR 1.76	17. Other:			
18. If a CONTINUING APPLICATION, check appropriate box, and support in an Application Data Sheet under 37 CFR 1.76:	oly the requisite information below and in a preliminary amendment,			
Continuation Divisional Continuation-in-part (CIP)	of prior application No.:/			
Prior application information: Examiner	Group Art Unit:			
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the Box 5b, is considered a part of the disclosure of the accompanying continuation the incorporation can only be relied upon when a portion has been inadver	ation or divisional application and is hereby incorporated by reference. tently omitted from the submitted application parts.			
19. CORRESPONDENCE ADDRESS				
Customer Number or Bar Code Label  Hiself Customer Niv. or Atlant Ser	or Correspondence address below			
Name William M. Blackstone				
Patent Department, Intervet Inc.				
Address 405 State Street				
City Millsboro	State DE			
Country US Tele	Pephone 302-933-4034 Fax 302-934-4242			
Name (Print/Type) William M. Blackstone	Registration No. (Attorney/Agent) 29,772			
Signature Date 12/3/01				

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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## **FEE TRANSMITTAL** for FY 2002

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** 

740.00 (\$)

The state of the control namber.				
Complete if Known				
Application Number	To be assigned			
Filing Date	12/03/2001			
First Named Inventor	MURPHY, Greer M.			
Examiner Name	To be assigned			
Group Art Unit	To be assigned			
Attorney Docket No.	2001.682 US/PD			

METHOD OF PAYMENT	FEE CALCULATION (continued)				
1. The Commissioner is hereby authorized to charge indicated foce and credit any even part for	3. ADDITIONAL FEES				
indicated fees and credit any overpayments to:  Deposit  O2 2224	Large Small				
Account Number 02-2334	Entity Entity Fee				
Deposit Akzo Patent Department	Code (\$) Code (\$) Fee Description	Fee Paid			
Account Name	105 130 205 65 Surcharge - late filing fee or oath				
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet				
Applicant claims small entity status.	139 130 139 130 Non-English specification				
See 37 CFR 1.27  2. Payment Enclosed:	147 2,520 147 2,520 For filing a request for ex parte reexamination				
2. Payment Enclosed: Check Credit card Money Order Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action				
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month				
Large Entity Small Entity	116 400 216 200 Extension for reply within second month				
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	117 920 217 460 Extension for reply within third month				
101 740 201 370 Utility filing fee 740,00	118 1,440 218 720 Extension for reply within fourth month				
106 330 206 165 Design filing fee	128 1,960 228 980 Extension for reply within fifth month				
107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal				
108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal				
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing				
SUBTOTAL (1) (\$) 740.00	138 1,510 138 1,510 Petition to institute a public use proceeding				
2. EXTRA CLAIM FEES	140 110 240 55 Petition to revive - unavoidable				
Fee from	141 1,280 241 640 Petition to revive - unintentional				
Extra Claims below Fee Paid  Total Claims 10 -20** = X	142 1,280 242 640 Utility issue fee (or reissue)				
Independent 3 3**-	143 460 243 230 Design issue fee				
Claims	144 620 244 310 Plant issue fee				
	122 130 122 130 Petitions to the Commissioner 123 50 123 50 Processing for under 27 CER 4 47(x)				
Large Entity Small Entity	- 100cessing fee drider 57 CFK 1.17(q)				
Fee Fee Fee Fee Description Code (\$) Code (\$)	126 180 126 180 Submission of Information Disclosure Stmt				
103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)				
102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection				
104 280 204 140 Multiple dependent claim, if not paid	(37 ČFR § 1.129(a))				
109 84 209 42 ** Reissue independent claims over original patent	149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))				
110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)				
and over original patent	169 900 169 900 Request for expedited examination				
SUBTOTAL (2) (\$)	of a design application Other fee (specify)				
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)				
	A CODIOINE (9) I(4)				

SUBMITTED BY Complete (if applicable)				if applicable)
Name (Print/Type)	Willjam M. Blackstone	Registration No. 29,772	Telephone	302-933-4034
Signature	Vill to Blanky		Date	12/3/01

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